

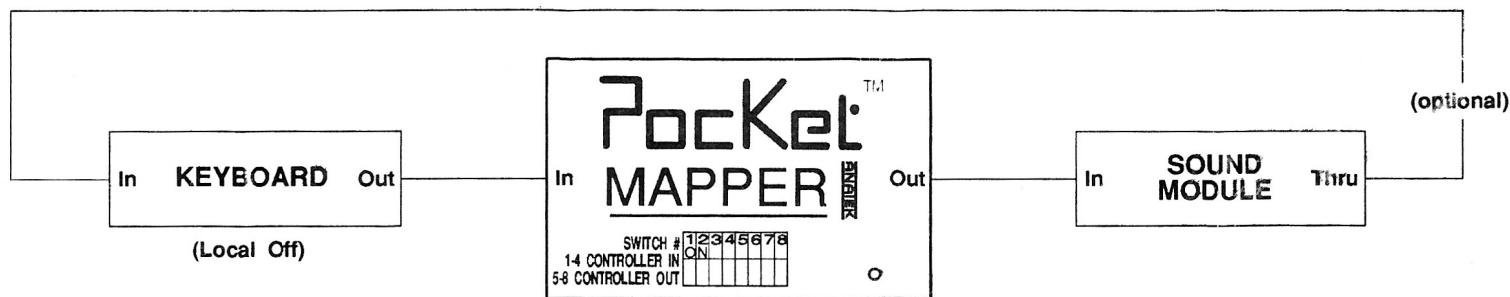
# Pocket Mapper™

## OPERATING INSTRUCTIONS

### HOW POCKET MAPPER™ WORKS

Pocket Mapper reads incoming modulation controller data such as Breath Control, Pitch Bend or Aftertouch and reroutes it to one of the 15 controllers supported. All other data is passed through unchanged. This is done to allow the transmission of one type of control data to a MIDI sound source that does not receive that type of data but will accept others. Presets are stored using hardware DIP switches on the box and they will maintain your setting even while the unit is powered down.

### BASIC HOOKUP



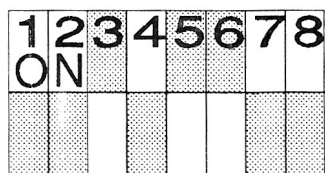
### SELECTING INPUT/OUTPUT CONTROLLERS

**NOTE:** Switches are ON when their number lies flat on the face of the box.  
 Switch numbers 1 to 4 determine which controller is to be remapped. (CONTROLLER IN)  
 Switches 5 to 8 determine which controller is to be transmitted. (CONTROLLER OUT)

1. Find the controller you wish to remap from the legend on the box. Note the switch pattern.
2. Input the switch pattern onto the *left* 4 switches.
3. Find the controller that you want your input mapped to from the legend on the box.
4. Input the switch pattern onto the *right* 4 switches.

#### EXAMPLE:

To map Breath Control to Modulation Wheel, you would set the switches in the following pattern: On the input side (switches 1-4), switch #3 represents Breath Controller input as written on the side of Pocket Mapper. On the output side (switches 5-8), switches #5 and 6 represent Modulation Wheel.



#### CONTROLLERS

Pitch Bend	n/a	Balance	8
Aftertouch	n/a	Pan	10
Mod Wheel	1	Expression	11
Breath Controller	2	Controller	16
Foot Controller	4	Sustain	64
Porta Time	5	Soft Pedal	67
Data Inc/Dec	96,97	Chorus Depth	93
Volume	7		

### MIDI CHANNEL INFORMATION

Pocket Mapper simultaneously remaps controllers on *any* and *all* channels of MIDI data it receives. Individual channel controller remapping is not possible. Should you require to remap the controller data to only one module in a multi-channel setup, Pocket Mapper should be placed immediately before the last module in the chain. In this way, sound sources on other channels will not be affected.

### LED MODES

The red status LED is used to indicate power on or off and the reception of MIDI data. When connection is made between a device's MIDI output and Pocket Mapper's input, the LED should light showing the presence of current needed to power the unit. During normal operation, the LED will blink off and then on showing the presence of MIDI data. Real time messages ie. Clock, Start/Stop/Continue, and Active Sensing do not cause the LED to blink.

**If the LED does not light** when connection is made between an upstream MIDI device and Pocket Mapper, the device may not be supplying power and you may require an Anatek Power Pack™. Replacing the MIDI cable will confirm that this is either a power supply or bad cable problem.

**If the LED goes out and stays out**, this could be caused by a MIDI buffer overflow. Resetting is done by simply unplugging the MIDI in and then reconnecting it. If the problem persists, check that you have not inadvertently caused a MIDI feedback "loop". This is normally caused by the output of Pocket Mapper being routed through MIDI gear back to its input.

### CONNECTION WITH OTHER POCKET PRODUCTS

Pocket Mapper is compatible with all other Pocket Products and can be connected with several of them in the same MIDI line. It is recommended that the number of Pocket Products connected to the output of a MIDI device be limited to four.

This device has been designed to comply with the MIDI 1.0 Specification Document Version 4.0 and will operate with all MIDI equipment designed to this specification.

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